

ABSTRACT OF THE DISCLOSURE

A method for the preparation of optimally labeled oligonucleotides wherein label-conjugated nucleotide triphosphates are incorporated into a nucleic acid sequence in a defined repetitive manner which allows for the optimal specific detectability of the oligonucleotide. The oligonucleotides of the present invention are useful in the assay of a wide variety of nucleic acid sequences, specifically wherever labeled nucleic acid probes are desired.

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